



## DAFTAR PUSTAKA

- Amirouche, F., Solitro, G.F., 2011, Challenges in Modeling Total Knee Arthroplasty and Total Hip Replacement, *Procedia IUTAM*, vol.2, pp 18 - 25.
- Anthony, C., Sanders, A.P., Raeymaekers, B., 2013, A Hybird Apparatus for Friction and Accelerated Wear Testing of Total Knee Replacement Bearing Material, *Wear*, vol.308, pp 54 - 60.
- Flannery, M., McGloughlin, T., Jones, E., Birkinshaw, C., 2008, Analysis of Wear and Friction of Total Knee Replacements Part I. Wear Assesment on a Three Station Wear Simulator, *Wear*, vol.265, pp 999 - 1008.
- Kretzer, J.P., Jakubowitz, E., Reinders, J., Lietz, E., Moradi, B., Hofmann, K., Sonntag R., 2011, Wear Analysis of Unicondylar Mobile Bearing and Fixed Bearing Knee Systems: A Knee Simulator Study, *Acta Biomaterialia*, vol.7, pp 710 - 715.
- Kurtz, M.S., 2009, *UHMWPE Biomaterials Handbook*, 2<sup>nd</sup> ed., Elsevier Inc., Oxford.
- Moon, C.H., 1961, *Cam Design*, Emerson Electric Company, Penna.
- Muratoglu, O.K., Rubash, H.W., Bragdon, C.R., Burroughs, B.R., Huang, A., Harris, W.H., 2007, Simulated Normal Gait Wear Testing of a Highly Cross-Linked Polyethylene Tibial Insert, *The Journal of Arthroplasty*, vol.22, no. 3.
- Schwenke, T., Orozco, D., Schneider, E., Wimmer, M.A., 2009, Differences in Wear Between Load and Displacement Control tested Total Knee Replecements, *Wear*, vol.267, pp. 757 - 762.
- Sularso, Suga, K., 1978, *Dasar Perencanaan dan Pemilihan Elemen Mesin*, edisi pertama, Pradyna Paramita, Jakarta.
- Thompson, M.T., 2001, Design of a Cyclic Sliding, Dynamically Loaded Wear Testing Device for the Evaluation of Total Knee Replacement Materials, Thesis from Department of Mechanical Engineering, Virginia Polytechnic Institute and State University, Virginia.



UNIVERSITAS  
GADJAH MADA

Perancangan dan Pembuatan Prototipe Alat Uji Keausan pada Sendi Lutut Buatan dengan  
Menggunakan

Mekanisme Disc Cam Sesuai dengan ISO 14243-3

FARIZ BINTANG SATRIA, Dr. Suyitno, S.T., M.Sc.

Universitas Gadjah Mada, 2015 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Widodo, M., 2011, Materi Kuliah Elemen Mesin 1,

<http://masmukti.files.wordpress.com/2011/10/bab-10-pegas1.pdf>, online

accessed on 13 Des. 2014.